



PATENT
450100-04755

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

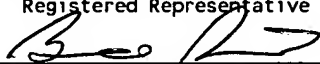
Applicants : Tsukasa HASHINO et al.
Serial No. : 10/659,231
Filed : September 10, 2003
For : ENCODING METHOD AND APPARATUS
Art Unit : 2631

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Bruno Polito, Reg. No. 38,580

Name of Applicant, Assignee or
Registered Representative



Signature

February 6, 2004

Date of Signature

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. 1.97(b)

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Sir:

In compliance with the duty of disclosure set forth in
37 C.F.R. 1.56, applicants are filing this Information Disclosure
Statement and the accompanying form PTO-1449 along with copies of
the prior art therein identified. Such prior art has come to the
attention of applicants by being cited in a Search Report issued



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in the corresponding European application on December 18, 2003.

So far as applicants are aware, this Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits.


The filing of this Information Disclosure Statement is not an admission that the documents identified herein constitute prior art to the present application.

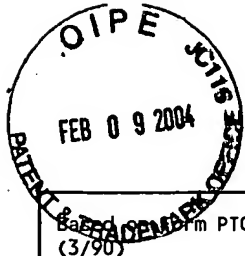
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Respectfully submitted,

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PTO-1449
(3/90)

ATTY. DOCKET NO.
450100-04755

SERIAL NO.
10/659,231

LIST OF REFERENCES CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT
Tsukasa HASHINO et al.

FILING DATE
September 10, 2003

GROUP
2631

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5 309 232	05/03/94	Hartung et al.			
	AB						
	AC						
	AD						
	AE						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AF	EP 0 679 032	10/25/95	Europe			
	AG						
	AH						
	AI						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AJ	OHM J-R: "THREE DIMENSIONAL SUBBAND CODING WITH MOTION COMPENSATION" IEEE TRANSACTIONS ON IMAGE PROCESSING, IEEE INC. NEW YORK, US, vol. 3, no. 5, 1 September 1994 (1994-09-01), pages 559-571, XP000476832, ISSN: 1057-7149
	AK	OHM J-R: "ADVANCED PACKET-VIDEO CODING BASED ON LAYERED VQ AND SBC TECHNIQUES" IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY, IEEE INC. NEW YORK, US, vol. 3, no. 3, 1 June 1993 (1993-06-01), pages 208-221, XP000385794 ISSN: 1051-8215
	AL	ANONYMOUS: "Wavelets" WEB PAGE, 'Online! 26 February 2001 (2001-02-26), XP002263155 Retrieved from the Internet: <URL:http://www.ltconline.net/greenl/courses/203/MatricesApps/wavelets.htm> 'retrieved on 2003-11-27!
	AM	SANDBERG, K.: "The Haar wavelet transform" WEB PAGE, 'Online! 1 April 2000 (2000-04-01), XP002263156 Retrieved from the Internet: <URL:http://amath.colorado.edu/courses/4720/2000Spr/Labs/Haar.html> 'retrieved on 2003-11-27!
	AN	PATENT ABSTRACTS OF JAPAN vol. 1995, no. 01, 28 February 1995 (1995-02-28) & JP 06 292179 A (MATSUSHITA ELECTRIC IND CO LTD), 18 October 1994 (1994-10-18)
	AO	KARLSSON, G., VETTERLI, M.: "Sub-band coding of video signals for packet-switched networks" PROCEEDINGS OF SPIE - THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING - VISUAL COMMUNICATIONS AND IMAGE PROCESSING II, 27 - 29 October 1987, pages 446-456, XP008024827 Cambridge, US

EXAMINER

DATE CONSIDERED

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